



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MEMORANDUM

DATE: 12/13/96

SUBJECT: ID#97FL0001 SECTION 18 EXEMPTION FOR USE OF
MYCLOBUTANIL ON STRAWBERRIES IN THE STATE OF FLORIDA.

DP Barcode: D231544

Caswell: 723K

Trade Name: Nova 40W Fungicide

Chem#: 128857

Reg#: 707-221

PRAT Case#: 288188

Class: Fungicide

40 CFR: 180.443

TO: Steve Schiabile, PM Team 41
ERMUS/RSB/RD (7505W)

FROM: Steven Knizner, William Dykstra, Charles Lewis
Pilot Interdisciplinary Risk Assessment Team
RCAB/HED (7509C)

THRU: Michael S. Metzger, Acting Chief
RCAB/HED (7509C)

INTRODUCTION

The Florida Department of Agriculture and Consumer Services is proposing a specific exemption for the use of myclobutanil on strawberries for control of powdery mildew (*Sphacrotheca fuliginea*). This is the fifth Section 18 request for this use. The proposed program will entail application of 11,250 pounds of Nova 40W (4,500 lbs ai) on up to 6,000 acres statewide for up to one year following approval of this Section 18 registration.

RECOMMENDATION

Aggregate risk estimates do not exceed HED's level of concern, and this Section 18 use should not pose an unacceptable risk to infants and children. Therefore, HED has no objection to the issuance of this Section 18 exemption for the use of myclobutanil on strawberries in the state of Florida. A time-limited tolerance for residues of myclobutanil plus its alcoholic metabolites (free and bound) should be established for cucurbits at 0.5 ppm to support this Section 18 exemption.

NOTE:

1) The submitted Section 18 label states that a maximum of 0.75 lb ai/A/crop (30 ozs product/A/crop) may be applied. This should be modified to state that a maximum of 0.75 lb ai/A/**YEAR** (30 ozs product/A/**YEAR**) can be applied.

2) RD should insure that the appropriate REI statement appears on the label.

CONCLUSIONS

Hazard Assessment

1. Non-Dietary Exposure Endpoint Selection

- a) Short-Term Risk. For short-term dermal margin of exposure (MOE) calculations, the TES Committee (7/12/94) recommended use of the systemic NOEL of 100 mg/kg/day from the 21-day dermal toxicity study in rats (MRID# 00266080). This dose level was the highest tested in the study. The TES Committee did not identify an inhalation endpoint.
- b) Intermediate-Term Risk. For intermediate-term MOE calculations, the TES Committee (7/12/94) recommended use of the NOEL of 10 mg/kg/day from the 2-generation rat reproduction study (MRID#s 00143766 and 00149581). At the LEL of 50 mg/kg/day, there were decreases in pup body weight, an increased incidence in number of stillborns, and atrophy of the prostate and testes.
- c) Chronic Risk. For chronic MOE calculations, the TES Committee did not recommend a study. There is no chronic exposure scenario associated with this §18 action.
- d) Cancer Risk. Myclobutanil was classified by the RfD/Peer Review Committee (12/4/95) as a Group E chemical (no evidence of carcinogenicity for humans).
- e) Dermal Penetration. For calculation of short-term MOEs, a dermal toxicity study was used so adjustment for dermal penetration is not required. For intermediate-term MOEs, 100% dermal penetration (default value) was used.

2. Dietary Endpoint Selection

- a) Acute Risk. The TES Committee (7/12/94) did not identify an acute dietary toxicological endpoint and stated that an acute dietary risk assessment is not required.

- b. Chronic Risk. The RfD of 0.025 mg/kg/day was established by the RfD/Peer Review Committee (12/4/95) based on the chronic feeding study in rats (MRID#s 00149582 and 00165247) with a NOEL of 2.5 mg/kg/day and an uncertainty factor of 100. At the LOEL of 9.9 mg/kg/day there was testicular atrophy.
- c. Cancer Risk. Myclobutanil was classified by the RfD/Peer Review Committee as a Group E chemical (no evidence of carcinogenicity for humans).
- d. Infants and Children

- i) Developmental Studies

Rat - From the rat developmental study (MRID #00141672), the maternal (systemic) NOEL was 93.8 mg/kg/day, based on rough hair coat, and salivation at the LOEL of 312.6 mg/kg/day. The developmental (pup) NOEL was 93.8 mg/kg/day, based on increased incidences of 14th rudimentary and 7th cervical ribs at the LOEL of 312.6 mg/kg/day.

Rabbit - From the rabbit developmental study (MRID #00164971), the maternal (systemic) NOEL was 60 mg/kg/day, based on reduced weight gain, clinical signs of toxicity and abortions at the LOEL of 200 mg/kg/day. The developmental (pup) NOEL was 60 mg/kg/day, based on increases in number of resorptions, decreases in litter size, and a decrease in the viability index at the LEL of 200 mg/kg/day.

- ii) Reproduction Studies

Rat - From the rat reproduction study, the maternal (systemic) NOEL was 2.5 mg/kg/day, based on increased liver weights and liver cell hypertrophy at the LOEL of 10 mg/kg/day. The developmental (pup) NOEL was 10 mg/kg/day, based on decreased pup body weight during lactation at the LEL of 50 mg/kg/day. The reproductive (parental) NOEL was 10 mg/kg/day, based on increased incidence of stillborns, and atrophy of the testes, epididymides, and prostate at the LEL of 50 mg/kg/day.

Occupational Exposure

1. Acute data for this formulation are available to PIRAT. Based on the toxicity categories in the Tox Oneliners, the work clothing and personal protective equipment (PPE) appearing on the label are in compliance with the Worker Protection Standard (WPS). The label cited in the submission (Nova 40W, Agricultural Fungicide, in Water

Soluble Pouches, EPA Reg. No. 707-221) requires applicators and other handlers to wear long-sleeved shirt, long pants, waterproof gloves, shoes plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

2. Acute toxicological data for the technical are available. According to the Tox Oneliners, myclobutanil is a category I for primary eye irritation; category III for acute oral and dermal LD50; category IV for primary dermal irritation and acute oral LD50. Based on these values, the restricted entry interval (REI) should be 48 hours to be in compliance with the WPS. However, the label lists an REI of 24 hours. **RD should insure that the appropriate REI statement appears on the label.**
3. Occupational exposure assumptions and estimates of exposure are summarized in Tables 1 and 2, respectively. PIRAT has calculated the estimates of exposure with mixer/loaders and applicators wearing a single layer of clothing plus gloves. Insufficient data are available in PHED for water soluble pouches. The mixer/loader estimates of exposure are based on wettable powders, open pour. Consequently, **the calculated MOEs should be considered very conservative.** In addition, the TES Committee did not identify inhalation exposure as either a short- or intermediate-term risk. As a result, estimates of exposure do not include the inhalation route. However, based on the use of water soluble pouches, inhalation exposure should be low. In addition, based on the estimated farm size of 25 acres, the duration of occupational exposure is not expected to exceed one week (short-term).

Aggregate Exposure

Dietary Exposure

1. The nature of the residue in plants is adequately understood. The residue of concern is myclobutanil plus its alcohol metabolite (free and bound), as specified in 40 CFR 180.443(a).
2. An adequate enforcement method (Rohm and Haas Method 34S-88-10, MRID# 408033-02) is available to enforce the tolerance expression. Quantitation is by GLC using an N/P detector for myclobutanil and an EC detector for residues measured as the alcohol metabolite is available. A copy is on file in PP#4E4302.
3. Combined residues of myclobutanil and its alcohol metabolite (free and bound) are not likely to exceed 0.5 ppm in/on strawberries as a result of this Section 18 use. A time-limited tolerance should be established at this level.

4. No animal feed items are associated with strawberries. Meat/milk/poultry/egg tolerances have been established as a result of other myclobutanil uses.
5. Acute Dietary Risk. This risk assessment is not required as the TES Committee did not identify any acute dietary risk endpoints.
6. Chronic Dietary Risk. After refinement using percent crop treated for some commodities (stone fruits, pome fruits, grapes, and cottonseed) having existing tolerances, and incorporating this Section 18 use, the resulting Anticipated Residue Contributions are equivalent to the following percentages of the RfD:

U.S Population	14%
Nursing Infants	25%
Non-Nursing Infants (<1 year old)	73%
Children (1-6 years old)	10%
Children (7-12 years old)	22%
Northeast Region	15%
Western Region	16%
Hispanics	16%

The subgroups listed above are: (1) the U.S. population (48 states); (2) those for infants and children; and, (3) the other subgroups for which the percentage of the RfD occupied is greater than that occupied by the subgroup U.S. population (48 states).

7. Cancer Risk. This risk assessment is not required as the RfD Committee has classified myclobutanil as a Group "E" carcinogen (no evidence of carcinogenicity for humans).

Exposure from Water

Review of terrestrial field dissipation data by the Environmental Fate and Effects Division indicates that myclobutanil did not leach into groundwater in either sandy loam or coastal soil. There is no established Maximum Concentration Level for residues of myclobutanil in drinking water. No drinking water Health Advisory Levels have been issued for myclobutanil. The "Pesticides in Groundwater Database (EPA 734-12-92-001, September 1992) has no information concerning myclobutanil.

HED does not have available data to perform a quantitative drinking water risk assessment for myclobutanil at this time. Although myclobutanil data indicate little potential for soil mobility or leaching, water risks will be assumed to account for 10% of the total allowable chronic and acute risk until further data are provided. Based on analysis of water monitoring data

for a large number of pesticides with varying toxicities, soil mobility characteristics, environmental stabilities, physical/chemical properties, and toxicities, the assumption of 10% of the total chronic and acute risk allocated to drinking water is considered conservative and protective of the public health.

Non-occupational Exposure

Myclobutanil is registered for outdoor residential use on annuals and perennials, turf, shrubs and trees, and african violets (indoor). However, at this time the Agency has insufficient information to assess the potential risks from such exposure. PIRAT notes that short- and intermediate-term occupational exposure toxicology endpoints have been identified under Hazard Assessment 1(a). These endpoints could be used to assess non-occupational hazards from similar routes and durations of exposure. However, because no data are available to assess non-occupational exposure for myclobutanil, a risk assessment cannot be conducted.

Cumulative Effects

The Agency has not made a determination that myclobutanil and any other pesticide have a common mode of toxicity and require cumulative risk assessment. For purposes of this Section 18 exemption, the Agency has considered only effects from myclobutanil. If required, cumulative risks will be assessed as part of Reregistration and tolerance reassessment, and when methodologies for determining common mode of toxicity and for performing cumulative risk assessment are finalized.

Determination of Safety for Infants and Children

Based on current toxicological data requirements, the database for myclobutanil relative to pre- and post-natal toxicity is complete. PIRAT notes that there is approximately a 25-fold difference between the developmental NOEL of 60 mg/kg/day from the rabbit developmental toxicity study and the NOEL of 2.5 mg/kg/day from the chronic rat feeding study which was the basis of the RfD. It is further noted that in both the rabbit and rat developmental toxicity studies, the developmental NOEL and maternal NOEL are the same (60 mg/kg/day for the rabbit and 93.8 mg/kg/day for the rat). In the rat reproduction study, the maternal NOEL (2.5 mg/kg/day) was four times lower than the developmental (pup) and reproductive NOELs (10 mg/kg/day). These studies indicate that there does not appear to be additional sensitivity for infants and children.

The ARC value for the most highly exposed infant and children subgroup (non-nursing infants <1 year old) occupies 73% of the RfD. However, this calculation also assumes 100% crop treated

(except for stone fruits, pome fruits, grapes, and cottonseed) and uses tolerance level residues for all commodities. Refinement of the dietary risk assessment by using additional percent crop treated data and anticipated residue data would reduce dietary exposure. Therefore, this risk assessment, although moderately refined, remains an over-estimate of dietary risk.

SUPPLEMENTAL INFORMATION

Occupational Exposure

Table 1. Occupational Exposure Assumptions	
PARAMETER	ASSUMPTION
Pesticide Handlers Exposure Database (PHED), Version 1.1, Unit of Exposure From Best Available Surrogate Exposure Table (BASET,07/25/96)	Mixer/Loader (wetable powder, open bag, single layer clothing plus gloves): Dermal = 160.0 μ g/lb ai handled.
	Applicator (groundboom, open cab, single layer clothing plus gloves): Dermal = 14.0 μ g/lb ai applied.
Percent Absorption	Dermal: <u>NA</u> (based on dermal toxicity study)
Application Type	Ground
Minimum Finish Spray	Ground: <u>20</u> gal/A
Maximum Application Rate	<u>0.125</u> lb ai/A
Maximum Applications Per Year	<u>6</u>
Duration of Occupational Exposure	Short-Term (one day to one week)
Acres Treated/Day (Y. NG,BEAD)	Ground: <u>89</u> acres
Average Farm Size (1992 Ag Census)	Based on Hillsborough county, FL <u>25</u> acres
Worker Weight	<u>70</u> kg (based on Tox endpoint)
Number of Farms Treated by PCO (Professional Chemical Operator)	Ground: <u>2</u>

Table 2. Occupational Exposure and Risk Assessment^a		
Worker	Average Daily Dermal Dose^b (μg/kg/day)	Short-Term MOE^c
Ground Mixer/Loader	25.43	3,900
Ground Applicator	2.23	45,000

^a MOEs are expressed to two significant figures.

^b Average Daily Dose (ADD) = PHED dermal unit exposure x application rate x acres treated/day \div kg body weight. The TES did not identify an inhalation tox endpoint.

^c Short-Term Occupational Dermal Exposure MOE = NOEL/ADD (where NOEL = 100 mg/kg/day).

Dietary Exposure

NOTE: The submitted Section 18 label states that a maximum of 0.75 lb ai/A/crop (30 ozs product/A/crop) may be applied. This should be modified to state that a maximum of 0.75 lb ai/A/**YEAR** (30 ozs product/A/**YEAR**) can be applied.

Table 3. Residue Consideration Summary Table		
PARAMETER	PROPOSED USE	RESIDUE DATA
CHEMICAL	Myclobutanil	Myclobutanil
FORMULATION	Nova 40W Agricultural Fungicide in Water-Soluble Pouches (Rohm and Has, EPA Reg. #707-221)	Rally 40W/Nova 40W
CROP	Strawberries	Strawberries
TYPE APPLICATION	Ground - broadcast	Ground - broadcast
# APPLICATIONS	Not specified	6
TIMING	Make applications 14 to 21 days apart when disease first appears.	Post-emergence, at 6-22 day intervals, PHIs ranged from 0 to 7 days
RATE/APPLICATION	0.0625 - 0.125 lb ai/A (2.5 - 5.0 oz product/A)	0.031 - 0.125 lb ai/A
RATE/YEAR or SEASON	0.75 lb ai/A/crop (30 ozs product/A/crop)	0.75 lb ai/A/crop
MAXIMUM RESIDUE		0.31 ppm myclobutanil and <0.02 ppm for the alcohol metabolite
RESTRICTIONS	3 day PHI	
RESIDUE DATA SOURCE		IR-4 (PP#4E4302)
PERFORMING LAB		Del Monte Research Center, Walnut Creek, CA

cc with Attachment: S.Knizner (PIRAT), PIRAT, DRES (B. Steinwand)
cc w/o Attachment: OREB (Chem File), Caswell File, CBTS (Sect 18), RCAB (D.McCall)

RDI:PIRAT: 12/4/96

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Myclobutanil (Systane/Rally) Caswell #723K CAS No. 88671-89-0 A.I. CODE: 128857 CFR No. 180.443 185.4350	2yr feeding- rat NOEL= 2.4900 mg/kg 50.00 ppm LEL= 9.8400 mg/kg 200.00 ppm ONCO: E (Rfd/PR Committee)	Testicular atrophy. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP Rfd= 0.025000 EPA Rfd= 0.000000	No data gaps.	NED reviewed 01/27/88 EPA verified 02/25/88 WHO reviewed 1992 Rfd/PR reviewed 04/28/94 EPA deferred 04/28/94 On IRIS.

POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY)		NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES	
	CURRENT TMRC*	NEW TMRC**			ARC	XRFD
U.S. POPULATION - 48 STATES	0.004003	0.005090	20.358260	4.344284	0.003393	13.57086
U.S. POPULATION - SPRING SEASON	0.003757	0.004816	19.265428	4.237412	0.003201	12.80206
U.S. POPULATION - SUMMER SEASON	0.004314	0.005493	21.972792	4.715016	0.003474	13.89785
U.S. POPULATION - FALL SEASON	0.004009	0.005066	20.263296	4.227444	0.003477	13.90962
U.S. POPULATION - WINTER SEASON	0.003935	0.004984	19.936172	4.194352	0.003418	13.67342
NORTHEAST REGION	0.004366	0.005444	21.775648	4.313616	0.003644	14.57692
NORTH CENTRAL REGION	0.004078	0.005084	20.336488	4.024776	0.003448	13.79181
SOUTHERN REGION	0.003235	0.004171	16.683152	3.745028	0.002826	11.30272
WESTERN REGION	0.004741	0.006214	24.854464	5.889788	0.003956	15.82207
HISPANICS	0.004674	0.006399	25.594084	6.897872	0.004068	16.27310
NON-HISPANIC WHITES	0.004078	0.005172	20.687788	4.377436	0.003437	13.74601
NON-HISPANIC BLACKS	0.003195	0.003869	15.475356	2.697124	0.002755	11.01851
NON-HISPANIC OTHERS	0.004125	0.005694	22.774140	6.272504	0.003694	14.77454
NURSING INFANTS (< 1 YEAR OLD)	0.009474	0.013918	55.670956	17.775732	0.006240	24.96001
NON-NURSING INFANTS (< 1 YEAR OLD)	0.024494	0.029760	119.041024	21.063820	0.018287	73.14969
FEMALES (13+ YEARS, PREGNANT)	0.002867	0.003491	13.962928	2.495808	0.002368	9.47292
FEMALES 13+ YEARS, NURSING	0.003678	0.004589	18.354648	3.641656	0.003112	12.44600
CHILDREN (1-6 YEARS OLD)	0.011227	0.014432	57.727664	12.820932	0.009704	38.81591
CHILDREN (7-12 YEARS OLD)	0.006287	0.007686	30.743620	5.597456	0.005473	21.89014
MALES (13-19 YEARS OLD)	0.003574	0.004309	17.237668	2.940392	0.003246	12.98265
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.002968	0.003611	14.443268	2.572856	0.002604	10.41643
MALES (20 YEARS AND OLDER)	0.002328	0.003033	12.131420	2.817944	0.001989	7.95764
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.002344	0.003083	12.330424	2.953448	0.001918	7.67350

*Current TMRC does not include new or pending tolerances.

**New TMRC includes new, pending, and published tolerances.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 723K

DATE: 12/04/96

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Myclobutanil (Systane/Rally) Caswell #723K CAS No. 88671-89-0 A.I. CODE: 128857 CFR No. 180.443 185.4350	2yr feeding- rat NOEL= 2.4900 mg/kg 50.00 ppm LEL= 9.8400 mg/kg 200.00 ppm ONCO: E (RfD/PR Committee)	Testicular atrophy. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.000000	No data gaps.	HED reviewed 01/27/88 EPA verified 02/25/88 WHO reviewed 1992 RfD/PR reviewed 04/28/94 EPA deferred 04/28/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	7F3476	P 1.000000	1.000000		79.00	0.790000
01014AA	GRAPES-FRESH	21 COOKED-NFS	7F3476	P 1.000000	1.000000		79.00	0.790000
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	7F3476	P 1.000000	1.000000		79.00	0.790000
01014DA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	7H5524	P 10.000000	10.000000C		79.00	7.900000
01014DA	GRAPES-RAISINS	21 COOKED-NFS	7H5524	P 10.000000	10.000000C		79.00	7.900000
01014DA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	7H5524	P 10.000000	10.000000C		79.00	7.900000
01014JA	GRAPES-JUICE	10 RAW-FRESH OR NFS	7F3476	P 1.000000	1.000000		79.00	0.790000
01014JA	GRAPES-JUICE	15 RAW-FRESH OR CANNED	7F3476	P 1.000000	1.000000		79.00	0.790000
01014JA	GRAPES-JUICE	21 COOKED-NFS	7F3476	P 1.000000	1.000000		79.00	0.790000
01016AA	STRAWBERRIES	10 RAW-FRESH OR NFS	97FL001	N 0.500000	0.500000		100.00	0.500000
01016AA	STRAWBERRIES	21 COOKED-NFS	97FL001	N 0.500000	0.500000		100.00	0.500000
01016AA	STRAWBERRIES	70 RAW-FROZEN	97FL001	N 0.500000	0.500000		100.00	0.500000
03001AA	ALMONDS	10 RAW-FRESH OR NFS	0F3876	P 0.100000	0.100000		1.00	0.001000
03001AA	ALMONDS	21 COOKED-NFS	0F3876	P 0.100000	0.100000		1.00	0.001000
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	0F3876	P 0.100000	0.100000		1.00	0.001000
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	7F3476	P 0.500000	0.500000		60.00	0.300000
04001AA	APPLES-FRESH	21 COOKED-NFS	7F3476	P 0.500000	0.500000		60.00	0.300000
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	7F3476	P 0.500000	0.500000		60.00	0.300000
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	7F3476	P 0.500000	0.500000		60.00	0.300000
04001DA	APPLES-DRIED	10 RAW-FRESH OR NFS	7F3476	P 0.500000	0.500000		60.00	0.300000
04001DA	APPLES-DRIED	22 COOKED-FRESH-BAKED	7F3476	P 0.500000	0.500000		60.00	0.300000
04001DA	APPLES-DRIED	62 COOKED-FRESH OR FROZEN-BAKED	7F3476	P 0.500000	0.500000		60.00	0.300000
04001JA	APPLES-JUICE	15 RAW-FRESH OR CANNED	7F3476	P 0.500000	0.500000		60.00	0.300000
04001JA	APPLES-JUICE	31 COOKED-FRESH OR CANNED	7F3476	P 0.500000	0.500000		60.00	0.300000
04002AA	CRABAPPLES	00 NOT SPECIFIED (NO CONSUMPTION)	9F3812	A 0.500000	0.500000		100.00	0.500000
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	9F3812	A 0.500000	0.500000		8.00	0.040000
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	9F3812	A 0.500000	0.500000		8.00	0.040000
04003AA	PEARS-FRESH	51 COOKED-CANNED	9F3812	A 0.500000	0.500000		8.00	0.040000
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	9F3812	A 0.500000	0.500000		8.00	0.040000
04003DA	PEARS-DRIED	10 RAW-FRESH OR NFS	9F3812	A 0.500000	0.500000		8.00	0.040000
04003DA	PEARS-DRIED	21 COOKED-NFS	9F3812	A 0.500000	0.500000		8.00	0.040000
04004AA	QUINCES	00 NOT SPECIFIED (NO CONSUMPTION)	9F3812	A 0.500000	0.500000		100.00	0.500000
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	1F3954	P 2.000000	2.000000		1.00	0.020000
05001AA	APRICOTS-FRESH	21 COOKED-NFS	1F3954	P 2.000000	2.000000		1.00	0.020000
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	1F3954	P 2.000000	2.000000		1.00	0.020000
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	1F3954	P 2.000000	2.000000		1.00	0.020000
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	1F3954	P 2.000000	2.000000		1.00	0.020000
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	2F4116	P 5.000000	5.000000		47.00	2.350000
05002AA	CHERRIES-FRESH	21 COOKED-NFS	2F4116	P 5.000000	5.000000		47.00	2.350000
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	2F4116	P 5.000000	5.000000		47.00	2.350000

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FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TQS RUN (ppm)
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	2F4116	P 5.000000	5.000000		47.00	2.350000
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	2F4116	P 5.000000	5.000000		47.00	2.350000
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	2F4116	P 5.000000	5.000000		47.00	2.350000
05002JA	CHERRIES-JUICE	21 COOKED-NFS	2F4116	P 5.000000	5.000000		47.00	2.350000
05003AA	NECTARINES	10 RAW-FRESH OR NFS	9F3811	P 2.000000	2.000000		21.00	0.420000
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	9F3811	P 2.000000	2.000000		22.00	0.440000
05004AA	PEACHES-FRESH	21 COOKED-NFS	9F3811	P 2.000000	2.000000		22.00	0.440000
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	9F3811	P 2.000000	2.000000		22.00	0.440000
05004AA	PEACHES-FRESH	51 COOKED-CANNED	9F3811	P 2.000000	2.000000		22.00	0.440000
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	9F3811	P 2.000000	2.000000		22.00	0.440000
05004DA	PEACHES-DRIED	21 COOKED-NFS	9F3811	P 2.000000	2.000000		22.00	0.440000
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	1F3954	P 2.000000	2.000000		3.00	0.060000
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	1F3954	P 2.000000	2.000000		3.00	0.060000
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	1H5608	P 8.000000	8.000000C		3.00	0.240000
05005DA	PLUMS-PRUNES	21 COOKED-NFS	1H5608	P 8.000000	8.000000C		3.00	0.240000
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	1H5608	P 8.000000	8.000000C		3.00	0.240000
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	1F3954	P 2.000000	2.000000		3.00	0.060000
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	1F3954	P 2.000000	2.000000		3.00	0.060000
06002AA	BANANAS-UNSPEC	22 COOKED-FRESH-BAKED	2E04141	A 4.000000	0.800000		100.00	0.800000
06002AB	BANANAS-FRESH	10 RAW-FRESH OR NFS	2E04141	A 4.000000	0.800000		100.00	0.800000
06002AB	BANANAS-FRESH	21 COOKED-NFS	2E04141	A 4.000000	0.800000		100.00	0.800000
06002AB	BANANAS-FRESH	31 COOKED-FRESH OR CANNED	2E04141	A 4.000000	0.800000		100.00	0.800000
06002DA	BANANAS-DRIED	10 RAW-FRESH OR NFS	2E04141	A 4.000000	0.800000		100.00	0.800000
06002DA	BANANAS-DRIED	21 COOKED-NFS	2E04141	A 4.000000	0.800000		100.00	0.800000
06016AA	PLANTAINS	21 COOKED-NFS	2E04141	A 4.000000	0.800000		100.00	0.800000
06016AA	PLANTAINS	23 COOKED-FRESH-BOILED	2E04141	A 4.000000	0.800000		100.00	0.800000
06016AA	PLANTAINS	25 COOKED-FRESH-FRIED	2E04141	A 4.000000	0.800000		100.00	0.800000
10002AA	CANTALOUPE-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	SECT18	A 0.300000	0.300000		100.00	0.300000
10002AB	CANTALOUPE-PULP	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10002AB	CANTALOUPE-PULP	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10003AA	CASABAS	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10004AA	CRENSHAW	00 NOT SPECIFIED (NO CONSUMPTION)	SECT18	A 0.300000	0.300000		100.00	0.300000
10005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10007AA	PERSION MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	SECT18	A 0.300000	0.300000		100.00	0.300000
10008AA	WATERMELON	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10008AA	WATERMELON	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10010AA	CUCUMBERS	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10010AA	CUCUMBERS	11 RAW-FRESH-PICKLED,CORNED,OR CURED	SECT18	A 0.300000	0.300000		100.00	0.300000
10010AA	CUCUMBERS	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10011AA	PUMPKIN	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 723K

DATE: 12/04/96

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Myclobutanil (Systane/Rally) Caswell #723K CAS No. 88671-89-0 A.I. CODE: 128857 CFR No. 180.443 185.4350	2yr feeding- rat NOEL= 2.4900 mg/kg 50.00 ppm LEL= 9.8400 mg/kg 200.00 ppm ONCO: E (RfD/PR Committee)	Testicular atrophy. No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.000000	No data gaps.	HED reviewed 01/27/88 EPA verified 02/25/88 WHO reviewed 1992 RfD/PR reviewed 04/28/94 EPA deferred 04/28/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
10011AA	PUMPKIN	22 COOKED-FRESH-BAKED	SECT18	A 0.300000	0.300000		100.00	0.300000
10011AA	PUMPKIN	62 COOKED-FRESH OR FROZEN-BAKED	SECT18	A 0.300000	0.300000		100.00	0.300000
10013AA	SQUASH-SUMMER	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10013AA	SQUASH-SUMMER	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10014AA	SQUASH-WINTER	10 RAW-FRESH OR NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10014AA	SQUASH-WINTER	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10014AA	SQUASH-WINTER	31 COOKED-FRESH OR CANNED	SECT18	A 0.300000	0.300000		100.00	0.300000
10017AA	BITTER MELON	21 COOKED-NFS	SECT18	A 0.300000	0.300000		100.00	0.300000
10020AA	TOWELGOURD	00 NOT SPECIFIED (NO CONSUMPTION)	SECT18	A 0.300000	0.300000		100.00	0.300000
270030A	COTTONSEED-OIL	18 PROCESSED OIL	4F4317	P 0.020000	0.020000		1.00	0.000200
27003WA	COTTONSEED-MEAL	18 PROCESSED OIL	4F4317	P 0.020000	0.020000		1.00	0.000200
43058AA	WINE AND SHERRY	10 RAW-FRESH OR NFS	7F3476	P 1.000000	1.000000		79.00	0.790000
43058AA	WINE AND SHERRY	21 COOKED-NFS	7F3476	P 1.000000	1.000000		79.00	0.790000
50000DB	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
50000DB	MILK-NON-FAT SOL	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
50000DB	MILK-NON-FAT SOL	51 COOKED-CANNED	0F3876	P 0.200000	0.200000		100.00	0.200000
50000FA	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
50000FA	MILK-FAT SOLIDS	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
50000FA	MILK-FAT SOLIDS	51 COOKED-CANNED	0F3876	P 0.200000	0.200000		100.00	0.200000
50000SA	MILK SUG (LACT)	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
50000SA	MILK SUG (LACT)	51 COOKED-CANNED	0F3876	P 0.200000	0.200000		100.00	0.200000
53001BA	BEEF-MEAT BYP	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED,CORNE,OR CURED	0F3876	P 0.200000	0.200000		100.00	0.200000
53001BB	BEEF-OTH ORGAN	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53001BB	BEEF-OTH ORGAN	51 COOKED-CANNED	0F3876	P 0.200000	0.200000		100.00	0.200000
53001DA	BEEF-DRIED	21 COOKED-NFS	0F3876	P 0.100000	0.100000		100.00	0.100000
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	0F3876	P 0.050000	0.050000		100.00	0.050000
53001FA	BEEF-FAT	21 COOKED-NFS	0F3876	P 0.050000	0.050000		100.00	0.050000
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	0F3876	P 0.050000	0.050000		100.00	0.050000
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	0F3876	P 0.050000	0.050000		100.00	0.050000
53001FA	BEEF-FAT	24 COOKED-FRESH-BROILED	0F3876	P 0.050000	0.050000		100.00	0.050000
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	0F3876	P 0.050000	0.050000		100.00	0.050000
53001KA	BEEF-KIDNEY	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	0F3876	P 1.000000	1.000000		100.00	1.000000
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	0F3876	P 1.000000	1.000000		100.00	1.000000
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	0F3876	P 0.100000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	21 COOKED-NFS	0F3876	P 0.100000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	0F3876	P 0.100000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	0F3876	P 0.100000	0.100000		100.00	0.100000
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	0F3876	P 0.100000	0.100000		100.00	0.100000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Myclobutanol (Systane/Rally) Caswell #723K CAS No. 88671-89-0 A.I. CODE: 128857 CFR No. 180.443 185.4350	2yr feeding- rat NOEL= 2.4900 mg/kg 50.00 ppm LEL= 9.8400 mg/kg 200.00 ppm ONCO: E (RfD/PR Committee)	Testicular atrophy. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.025000 EPA RfD= 0.000000	No data gaps.	HED reviewed 01/27/88 EPA verified 02/25/88 WHO reviewed 1992 RfD/PR reviewed 04/28/94 EPA deferred 04/28/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F3876	P 0.200000	0.200000		100.00	0.200000
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	0F3876	P 0.200000	0.200000		100.00	0.200000
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	0F3876	P 0.050000	0.050000		100.00	0.050000
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	0F3876	P 0.050000	0.050000		100.00	0.050000
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F3876	P 0.200000	0.200000		100.00	0.200000
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	0F3876	P 1.000000	1.000000		100.00	1.000000
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	0F3876	P 0.100000	0.100000		100.00	0.100000
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	0F3876	P 0.100000	0.100000		100.00	0.100000
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	0F3876	P 1.000000	1.000000		100.00	1.000000
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53005FA	SHEEP-FAT	21 COOKED-NFS	0F3876	P 0.050000	0.050000		100.00	0.050000
53005KA	SHEEP-KIDNEY	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53005LA	SHEEP-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	0F3876	P 1.000000	1.000000		100.00	1.000000
53005MA	SHEEP-LEAN	21 COOKED-NFS	0F3876	P 0.100000	0.100000		100.00	0.100000
53005MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	0F3876	P 0.100000	0.100000		100.00	0.100000
53006BA	PORK-MEAT BYP	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED,CORNE,OR CURED	0F3876	P 0.200000	0.200000		100.00	0.200000
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	0F3876	P 0.050000	0.050000		100.00	0.050000
53006FA	PORK-FAT	21 COOKED-NFS	0F3876	P 0.050000	0.050000		100.00	0.050000
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	0F3876	P 0.050000	0.050000		100.00	0.050000
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	0F3876	P 0.050000	0.050000		100.00	0.050000
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED,CORNE,OR CURED	0F3876	P 0.050000	0.050000		100.00	0.050000
53006KA	PORK-KIDNEY	21 COOKED-NFS	0F3876	P 0.200000	0.200000		100.00	0.200000
53006LA	PORK-LIVER	21 COOKED-NFS	0F3876	P 1.000000	1.000000		100.00	1.000000
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	0F3876	P 1.000000	1.000000		100.00	1.000000
53006MA	PORK-LEAN	21 COOKED-NFS	0F3876	P 0.100000	0.100000		100.00	0.100000
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	0F3876	P 0.100000	0.100000		100.00	0.100000
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED,CORNE,OR CURED	0F3876	P 0.100000	0.100000		100.00	0.100000
55008BA	TURKEY-BYP	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED,CORNE,OR CURED	7F3476	P 0.020000	0.020000		100.00	0.020000
55008LA	TURKEY ORGAN	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55008MA	TURKEY W/O SKIN	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	7F3476	P 0.020000	0.020000		100.00	0.020000
55008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	7F3476	P 0.020000	0.020000		100.00	0.020000
55008MB	TURKEY+SKIN	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55008MC	TURKEY-UNSPEC	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 723K

DATE: 12/04/96

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Myclobutanil (Systane/Rally) Caswell #723K CAS No. 88671-89-0 A.I. CODE: 128857 CFR No. 180.443 185.4350	2yr feeding- rat NOEL= 2.4900 mg/kg 50.00 ppm LEL= 9.8400 mg/kg 200.00 ppm ONCO: E (RfD/PR Committee)	Testicular atrophy. No evidence of carcinog- enicity in rats or mice.	AD1 UF -->100 OPP RfD= 0.025000 EPA RfD= 0.000000	No data gaps.	HED reviewed 01/27/88 EPA verified 02/25/88 WHO reviewed 1992 RfD/PR reviewed 04/28/94 EPA deferred 04/28/94 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
55013BA	POULTRY,OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	7F3476	P 0.020000	0.020000		100.00	0.020000
55013LA	POULTRY,ORGAN	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55013MA	POULTRY,OTHER	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	7F3476	P 0.020000	0.020000		100.00	0.020000
55015LA	CHICKEN-ORGAN	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED,CORNEO,OR CURED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MB	CHICKEN+SKIN	21 COOKED-NFS	7F3476	P 0.020000	0.020000		100.00	0.020000
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	7F3476	P 0.020000	0.020000		100.00	0.020000



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